
LABORATORY
OF THE
INLAND REVENUE DEPARTMENT
OTTAWA, CANADA

BULLETIN No. 246

CANNED TOMATOES

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CANNED TOMATOES

OTTAWA, December 30, 1912.

Wm. HIMSWORTH, Esq.,
Acting Deputy Minister,
Inland Revenue.

SIR,—I have the honour to report to you regarding 140 samples of canned tomatoes purchased throughout the Dominion of Canada in September and October of this year.

With a single exception in which slight decomposition was found, the contents of the cans were in good condition.

The cans in which tomatoes are packed appear, so far as this inspection goes, to vary in capacity, and to fall into three groups, in the matter of size.

1. *Large Size*.—About 1,050 cubic centimetres or approximately 37 ounces. Of this size 111 samples are found in the present collection.

2. *Medium Size*.—About 875 cubic centimetres, or approximately 31 ounces. Of this size 24 samples were found.

3. *Small Size*.—About 650 cubic centimetres, or approximately 23 ounces. Of this size 5 samples were found.

Large Size.

16 samples vary from	1000	to	1025	cc.	36	oz.
63	"	"	1025	"	37	"
27	"	"	1050	"	38	"
5	"	"	1075	"	39	"

111

34346—1½

The total contents of cans of these sizes vary from 29 to 25.9 ounces; 14 samples being below 32 ounces and 19 samples being above 34 ounces. Thus 78 samples or 70% of the whole contain from 33 to 34 ounces.

The total solids of these contents vary from 11.2 to 24.3 ounces; or in greater detail, as below:—

11 to 12 ounces in	3 samples.
13 " 14 "	7 "
15 " 16 "	21 "
17 " 18 "	21 "
19 " 20 "	32 "
Above 20 "	27 "

Thus 111 samples of canned tomatoes, packed in what we may call large sized tins, give the following averages:—

Average capacity of the can.....	37 ounces.
" total contents.....	34 "
" Solid "	18 "
" Water "	16 "

The capacity of the largest sized tin in which these vegetables are packed is fairly constant, the variation being about 1 oz. in either direction.

The total content of the can averages about 3 ounces less than the capacity of the can. This space being either vacuous or containing air.

The solid matter of these contents is of course, the true measure of the value of the article, equal quality being assumed. While the average amount of solids is 18 ounces this varies between very wide limits, viz., from 11.2 oz. to 24.3 oz; which means that some samples have fully twice the value of others. There is no doubt that some regulation is necessary here.

I think it would be reasonable to require a minimum of 20 oz. solids in cans of the size now being considered.

It may be well to say that the solids above referred to are not the dry solid matter of the tomato, but, the moist solids retained on cheese cloth. The weighed total content of the can is poured upon cheese cloth and allowed to drain as long as drops fall at intervals not longer than 5 seconds. The water which passes through is then weighed, and this weight subtracted from the weight of total contents. The remainder in the weight of the solid matter.

Medium Size.

- 6 samples vary from 855 cc. to 875 cc. or 31 ounces.
- 17 samples vary from 875 cc. to 900 cc. or 32 ounces.
- 1 sample is of 980 cc. or 36 ounces.

The last sample referred to may perhaps belong to the preceding group.

With three exceptions, the cans of this size were procured in British Columbia, and it may be that packers ship the smaller tins to distant points to reduce cost of freight. The solid matter in these samples varies in amount from 12.5 oz. to 20.8 oz. and averages 16.3 ounces. More in detail, as follows:—

Below 13 ounces.....	2 samples.
" 14 "	2 "
" 15 "	3 "
" 16 "	2 "
" 17 "	8 "
" 18 "	2 "
Above 18 "	5 "

Small Size.

Five samples are contained in tins of about 650 cc. size (23 ozs.). The solids range from 9.5 to 14.4 ounces and average 11.7 ozs. The ratio of solid content to size of can (11.7: 23) is 0.5 being practically identical with that for the other sizes. It thus appears that the size of the package is a guide to the actual amount of tomato pulp contained therein, on a basis of average results as found in this inspection.

If I am justified in holding that 20 ounces of solids is a reasonable content for a 37 ounce tin, then a medium sized tin of 32 ounces should contain 17 ounces of solids, and a small tin of 23 ounces should contain 12.5 ounces.

On this basis 52 samples of the large size, or 47 per cent of the whole, contains less than normal quantity, and a considerable number of these are very far below the standard suggested. Of the medium size tins, 17 samples or 70% of the whole contains less than the standard requires.

Of the small size 3 samples or 60% of the number contain less than the standard requires.

The State of Ohio requires that standard tomatoes, should be packed to have a gross weight of 36 ounces of fruit, exclusive of juices. For a higher grade, the gross weight must be 38 ounces, with not less than 20 ounces of fruit.

In view of the great disparity of values shown in this widely used article of food, I am of the opinion that a standard should be legalized under the provisions of 6-7 Edward VII, Chapter 27, "THE MEAT AND CANNED FOODS ACT" and the amendment thereto, which Act is administered by the Department of Agriculture, and I hope that the results here placed on record will be found of service to the Department of Agriculture should it decide on establishing such a standard.

I beg to recommend the publication of this report as Bulletin No. 246.

I have the honour to be, Sir,
Your obedient servant,

A. McGILL,
Chief Analyst.

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF NOVA SCOTIA—

1912.								
Sept. 18	Canned tomatoes	47103	A. & W. Smith & Co., Halifax, N.S.	3 cans	43	Simcoe Canning Co., Simcoe, Ont.	Manufacturers	
" 18	"	47106	Wentzells Ltd., Halifax, N.S.	3 "	45	Ontario Cannery Ltd., Sarnia, Ont.	"	
" 19	"	47107	Chisholm & Co., Halifax, N.S.	3 "	35	E. D. Smith, Winona, Ont.	Manufacturer	Sold as 1910 pack.
" 19	"	47108	R. B. Adams & Co., Halifax, N.S.	3 "	50	Simcoe Canning Co., Simcoe, Ont.	Baile Bros., Halifax, N.S.	
" 20	"	47109	John Tobin & Co., Halifax, N.S.	3 "	40	Roberts Bros., Baltimore, U.S.A.	Manufacturers	
" 24	"	47110	Cain Bros., Yarmouth, N.S.	3 "	48	F. R. Laylor Co., Dunnville, Ont.	E. Allen, Yarmouth, N.S.	
" 24	"	47113	Wm. Law & Co., Yarmouth, N.S.	3 "	45	Suddersville C. Co., Suddersville, U.S.A.	Manufacturers	
" 25	"	47114	Wentworth Stores, Windsor, N.S.	3 "	45	A. C. Millar Co., Picton, Ont.	"	
Oct. 8	"	47115	C. E. Smith, Halifax, N.S.	3 "	54	Ontario Cannery Sarnia, Ont.	Wentzells Ltd., Halifax, N.S.	
" 8	"	47116	B. O. Bishop, Dartmouth, N.S.	3 "	45	A. C. Millar, Picton, Ont.	John Tobin & Co., Halifax, N.S.	

DISTRICT OF PRINCE EDWARD ISLAND—

Sept. 6	Canned tomatoes	46297	Grant & Co., Charlottetown, P.E.I.	3 cans	60	J. S. Farren & Co., Baltimore, Md.		
" 6	"	46298	R. T. Maddigan & Co., Charlottetown, P.E.I.	3 "	45	Simcoe Canning Co., Simcoe, Ont.		
" 7	"	46299	A. Gates & Co., Charlottetown, P.E.I.	3 "	54	W. F. Applegarth, Goldenhill, Dorchester Co., Md.		
" 19	"	46300	Coffin & Co., Charlottetown, P.E.I.	3 "	45	The Old Homestead Canning Co., Picton, Ont.		
" 14	"	46301	A. J. Warren, Charlottetown, P.E.I.	3 "	54	Boulters, Picton Ont.		
" 14	"	46302	W. W. Walker, Charlottetown, P.E.I.	3 "	54	St. Eustache Canning Co., St. Eustache, P.Q.		
" 17	"	46303	Geo. Carver, Pownal, P.E.I.	3 "	48	Tecumseh Cann. Factory, Tecumseh, Ont.		

CANNED TOMATOES.

RESULTS OF ANALYSES.							Remarks and Opinion of the Chief Analyst.
Brand.	Grade.	Net weight.	Capacity of can.	Water.	Solids.	Condition of Sample.	

R. J. WAUGH, INSPECTOR.

		oz.	cc.	oz.	oz.		
Lynn Valley.....	Select.....	34.3	1040	14.2	20.1	Good.....	47105
Prairie.....	Extra Quality.....	34.3	1050	16.0	18.3	"	47108
E. D. S.....	Select.....	21.3	650	6.9	14.4	" ..	47107
Lynn Valley.....	"	34.4	1040	17.9	16.5	"	47108
Big.....	First Quality.....	19.9	635	10.4	9.5	"	47109
Grand River.....	Choice.....	32.9	1050	16.5	16.4	"	47110
Air Ship.....		31.7	1050	15.7	16.0	"	47113
Little Chief.....		32.1	1040	16.8	15.3	"	47114
Prairie.....	Extra Quality.....	33.8	1050	17.4	16.4	"	47115
Little Chief.....		33.2	1060	14.6	18.6	"	47116

WM. A. WEEKS, INSPECTOR.

Shield.....		33.0	1050	12.9	20.1	Good.....	46297
Lynn Valley.....	Select.....	33.0	1045	9.8	23.2	"	46298
Pride of Gold- en Hill.....	First Quality.....	32.9	1025	13.7	19.2	"	46299
Old Home- stead.....		33.8	1040	13.0	20.8	"	46300
Lion.....	Famous.....	32.6	1035	14.5	18.1	"	46301
Union.....	First Quality.....	32.9	1025	13.7	19.2	"	46302
Tecumseh.....	Choice.....	34.2	1030	13.6	20.6	"	46303

BULLETIN No. 246—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF PRINCE

1912.								
Sept. 19	Canned Tomatoes	46304	M. Duffy, Charlottetown, P.E.I.	3 cans	54	The A. B. Salvor Canning Co., Bloomfield, Ont.		
Oct. 1	"	46305	Sinclair & Stewart, Summerside, P.E.I.	3 "	48	The Felton Pack. Co., Felton, Del.		
" 3	"	46306	A. Currie & Co., Souris, P.E.I.	3 "	57	J. W. Windsor, Montreal.		

DISTRICT OF NEW BRUNSWICK

Sept 9	Canned Tomatoes	50470	2 Barkers Ltd St. John N.B.	3 cans	42	The Port Milford Packing Co., Ltd., Ont Canada.		Prince Edwards Pride.....
" 9	"	50471	Baird & Peters St. John, N.B.	"	47	W. W. Boyer & Co., Baltimore M.D., U.S.A.		"Star".....
" 10	"	50472	W. A. Simonds.. St. John, NB.	"	54	Bloomfield Packing Co., Ltd., Bloomfield, Ont.		"Quaker".....
" 10	"	50473	McPherson Bros St. John, N.S.	"	54	Simcoe Canning Co., Simcoe, Ont.		"Lynn Valley
" 11	"	50474	H. A. Francis .. St. John, N.B.	"	45	Stoney Point Canning Co., Ltd., Stoney Point, Ont.		"Pointer".....
" 19	"	50475	Estate of J. Fred Shaw, St. John N.B.	"	45	The Ontario Pure Food Co. Ltd.		"Red Seal".....
" 25	"	50476	J. & J. S. Titus .. St. Martins, N.B.	"	54	The Booth Packing Co., Baltimore, M. D., U.S.A.		"Oval".....
Oct 3	"	50477	H. C. Jewett.... Fredericton, N.B.	"	54	Roberts Bros .. Baltimore, M.D., U.S.A.		"Big R".....
" 8	"	50478	Mrs. P. Legacy.. Grand Falls, N.B.	"	54	Dominion Cannery, Ltd.		"Gold Bond".....
" 16	"	50479	D. A. McBeath Moncton, N.B.	"	48	The Essex Canning & Preserving Co., Ltd.		"Esscx".....

CANNED TOMATOES.

RESULTS OF ANALYSIS.								Remarks and Opinion of the Chief Analyst.
Brand.	Grade.	Net weight.	Capacity of can.	Water.	Solids.	Condition of Sample.	No. of Sample.	

EDWARD ISLAND—*Concluded.*

		oz.	cc.	oz.	oz.		
.....	Choicest.....	32.4	1050	11.5	20.9	Good	46304
Bell Cow.....		34.2	1035	14.1	20.1	"	46305
Ice Castle.....	Unsurpassed Quality.	33.8	1040	14.9	19.0	"	46306

J. C. FERGUSON, INSPECTOR.

Prince Edwards Pride.	Choice.....	34.3	1035	17.9	16.4	Good	50470
Star.....		33.3	1040	13.7	19.6	"	50471
Quaker.....		31.0	1050	12.0	19.0	"	50472
Lynn Valley.....	Select.....	27.3	900	12.5	14.8	"	50473
Pointer.....	Choice.....	33.8	1030	14.8	19.0	"	50474
Pure Food.....		35.9	1035	13.6	22.3	"	50475
Booth's Standard.....		33.4	1030	14.0	19.4	"	50476
Big.....	Finest Quality....	33.9	1010	13.1	20.8	" "	50477
Gold.....		32.4	1050	18.3	14.1	"	50478
Essex.....	Select.....	35.4	1050	16.5	18.6	"	50479

BULLETIN No. 246--

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF QUEBEC--

1912.								
Sept.	3 Canned Tomatoes	37241	Eudore Delisle, 2 Ave Tache- reau, Quebec.	3 cans	54	St. Eustache... Canning Co.	Turcot & Frère.	
"	4 "	37242	O. Lacroix, 19 Rue St. Jo- seph, Quebec.	"	54	Tomatoes... Co., Ont.	J. B. Reneaud... Quebec.	
"	5 "	37243	W. Cantin 133 Rue du Pont, Quebec.	"	"	Tomatoes Co., Ont.	Joseph & Son Quebec.	
"	6 "	37244	G. Gingras, 208 Rue du Roie, Quebec.	"	51		Gaboury Ltd.	"Little Chief".
"	9 "	37245	Cantin & Frère 271 Rue St. Joseph, Que- bec.	"	51	W. Boulter, Pic- ton.	Turcot... Frère.	
"	10 "	37246	C. S. Riverin 50 Rue de la Couronne Que- bec.	"	54	Dominion Can- ners.	Turcot Frère.	
"	11 "	37247	Myrand & Pou- liot, 70 Rue de la Couronne, Quebec.	"	45	Sudraill.	Unknown.	
"	12 "	37248	Arthur Drolet 714 Rue St. Valier, Que- bec.	"	54	A. Damery Bay	Turcot & Frère.	
"	13 "	37249	A. Rinfret, 414 Rue St. Jo- seph, Quebec.	"	51	St. Eustache Canning Co.	Gagnon & Gar- ent.	
"	16 "	37250	Hamel & Be- dard, 728 Rue St. Valier, Quebec.	"	54	Mill & Co., Pic- ton.	Turcot & Frère.	

DISTRICT OF ST. HYACINTHE

Sept.	16 Canned Tomatoes	1487	D. M. D. Cor- mier, St. Ger- main de Gran- tham.	3 cans	45	The Felton Pack ing, Co. Felton Del.	Lacaille & Gen- dreau, Montreal.	
"	17 "	1488	Carter & Co... Abenakis Springs.	"	42		Hudon, Hebert & Cie., Montreal.	
"	20 "	1489	M. Boisselle St. Anne.	"	45	W. Clark, Mon- treal.		
"	27 "	1490	T. H. Raymond Iberille.	"	51	A. C. Miller & Co., Picton, Ont.		
Oct.	2 "	1491	W. J. Smith... Megantic.	"	45	Suddersville Canning Co., Suddersville, M.D.		

CANNED TOMATOES.

RESULTS OF ANALYSIS.

Brand.	Grade.	Net weight.	Capacity of can.	Water.	Solids.	Condition of Sample.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
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F. X. W. E. BELAND, INSPECTOR.

		oz.	cc.	oz.	oz.		
Union.....	First Quality...	34.5	1100	15.3	19.2	Good.....	37241
Tecumseh.....	Choice ..	33.0	1035	16.3	16.7	"	37242
Tecumseh.....	"	31.8	1035	20.1	11.7	"	37243
Little Chief		31.9	1030	14.2	17.7	"	37244
Boulter.....	Famous	32.8	1030	13.1	19.7	"	37245
Little Chief.....		31.9	1040	20.7	11.2	"	37246
Air Ship.....		33.4	1045	13.9	19.5	"	37247
F. F. V.	Choice...	33.8	1060	10.9	22.9	"	37248
Union.....	First Quality.....	35.0	1095	12.0	23.9	"	37249
Little Chief.....		33.3	1030	19.4	13.9	"	37250

J. C. ROULEAU, INSPECTOR.

Bell Cow.....		33.0	1010	20.8	12.2	good..	1487
Gazelle....	Very Finest..	33.8	1030	18.5	15.3	"	1488
.....		33.0	1000	10.6	22.4	"	1489
Little Chief ..		33.8	1060	11.8	22.0	"	1490
Airship..		33.5	1050	12.3	21.2	"	1491

BULLETIN No. 246—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF ST. HYACINTHE—

1912								
Oct.	3 Canned Tomatoes	1492	N. Hamel.....	3 cans	45	Church Bros., Pictou, Ont.		
"	8 "	1493	R. H. Peardon, Eastma.	"	45	The Simcoe Canning Co., Simcoe Ont.		
"	10 "	1494	J. E. Robitaille, Sherbrooke.	"	45	T. Degruchy, Laprarie.		
"	14 "	1495	A. Chapin.....	"	45	Church Bros., Pictou, Ont.		
"	14 "	1496	Art. Houle.....	"	45	J. S. Farrend Co., Baltimore M.d.		
			St. Hyacinthe					

DISTRICT OF MONTREAL—

Sept.	3 Canned Tomatoes	50911	E. Paquette... 39 Mount Royal ave. E., Montreal.	3 cans	45	Hudon Hebert Manufacturers & Co., Ltd.	"Gazelle"...
"	3 "	50912	Arthur Corbeil.. 55 Mount Royal ave. E. Montreal.	"	42	The Felton Packing Co., Felton, Del.	"Bell Cow"...
"	3 "	50913	Arthur Corbeil.. 55 Mount Royal ave. E., Montreal.	"	42	Tecumseh Canning Co., Ltd.	"Tecumseh"...
"	3 "	50914	E. Boismems... 623 Colonial ave., Montreal	"	42	W. Lorrain... Borda Plouffe P.Q.	"Royal"...
"	3 "	50915	J. B. Valiquette Rachel, E., Montreal.	"	45	A. C. Miller & Co., Pictou, Ont.	"Little Chief"...
"	4 "	50916	S. Carey..... 176 Villeneuve St., Montreal.	"	45	L. Chaput Fils Manufacturers & Cie., Montreal.	"Princess"...
"	4 "	50917	S. Carey..... 176 Villeneuve St., Montreal.	"	45	Bloomfield Packing Co., Ltd.	"Quaker"...
"	4 "	50918	L. P. Deslieries 1, 50 Cadieux St., Montreal.	"	42	D. E. Foote & Co. Baltimore, M.d.	"Foote's Best"...
"	4 "	50919	L. P. Deslieries 1750 Cadieux St., Montreal.	"	42	St-Isidore Canning Co., St-Isidore, P.Q.	"Three Star"...
"	4 "	50920	T. Chevette 110 Mount Royal Ave. E. Montreal.	"	45	Chas. Webster East Newmarket, Dorchester, M.d.	"Rosehill"...

CANNED TOMATOES.

RESULTS OF ANALYSIS.							Remarks and Opinion of the Chief Analyst.
Brand.	Grade.	Net weight.	Capacity of can.	Water.	Solids.	Condition of Sample.	

Concluded.

		oz.	cc.	oz.	oz.		
Lasso.....		32.4	1035	15.0	17.4	Good.....	1492
Lynn Valley.....	Select.....	33.4	1050	15.6	17.8	"	1493
	Choice.....	35.1	1070	15.2	19.9	"	1494
Lasso.....		32.2	1030	13.4	18.8	"	1495
Shield.....		32.9	1040	18.8	14.1	"	1496

J. J. COSTIGAN, INSPECTOR.

Gazelle.....	Finest.....	33.5	1020	13.3	20.2	Good.	50911
Bell Cow.....		32.6	1030	15.2	17.4	"	50912
Tecumseh.....	Choice.....	33.7	1040	10.8	22.9	"	50913
Royal.....	Finest Quality..	33.7	1040	18.2	15.5	"	50914
Little Chief.....		29.0	1030	13.3	15.7	"	50915
Princess.....	Extra Quality..	32.4	1030	12.3	20.1	"	50916
Quaker.....	Hand Packed.....	32.8	1035	16.2	16.6	"	50917
Foot's Best.....	Selected.....	32.8	1025	20.0	12.8	"	50918
Three Stars.....		34.5	1070	18.0	16.5	"	50919
Rosehill.....	First Quality ..	33.3	1030	15.4	17.0	"	50920

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (Is not an expression of opinion.)
				Quantity.	Certs.	Manufacturer.	Furnisher.	
DISTRICT OF OTTAWA—								
1912.								
Aug. 30	Canned Tomatoes.	50281	John Wilson, Vankleek Hill	3 cans	54	Napanea Cann'g Co., Napanea, Ont.	Wm. Galbraith & Son, Montreal.	"Canada's Pride"
" 31	"	50282	A. Meighan & Bro., Perth, Ont.	3 "	45	Sanitary Pack'g Co., Weston, Ont.	Geo. Robertson & Son, Kingston.	'Sanitary.'
Sept. 4	"	50283	A.S. Moreland, Ottawa.	3 "	45	The Simcoe Canning Co., Simcoe, Ont.	Mrs.	'Lynn Valley'—warranted pure and free from adulteration of any kind.
" 4	"	50284	Geo. Ager, Ottawa.	3 "	45	A. C. Miller & Co., Ont.	H. N. Bate & Sons, Ottawa.	'Little Chief.'
" 6	"	50285	A. S. Shaver, Brockville.	3 "	45	Delhi Fruit & Veg. Canning Co., Delhi Ont.	Gilmour & Co., Brockville.	
" 12	"	50286	Major & Hurteau, Ottawa.	3 "	45	Baltimore Canning Co., Baltimore, Md.	E. M. Lerner, Ottawa.	'Old Scout.'
" 16	"	50287	W. Cunningham Ltd., Ottawa.	3 "	45	H. W. Roberts, Clara, Md.	S. J. Major, Ltd., Ottawa.	'Harvester.'
" 20	"	51627	McDonald Bros., Ottawa.	3 "	51	Brighton Cann'g Co., Brighton, Ont.	F.J. Castle Co., Ottawa.	'Thistle.'
" 20	"	51634	Wall & Co., Ottawa.	3 "	45	Simcoe Canning Co., Simcoe, Ont.	Mrs.	'Lynn Valley'—warranted pure and free from adulteration of any kind.
" 20	"	51636	P. Devine & Co., Ottawa.	3 "	45	W. Boulter & Sons, Picton,	Moreland, Bank St. Ottawa.	'Lion'—Peerless Quality.

DISTRICT OF KINGSTON

Sept. 3	Canned Tomatoes	50781	Geo. Gibson, Kingston.	3 cans	45	Orsers Home Cannery, Bloomfield.		
" 3	"	50782	Wm. Davies, Kingston.	3 "	45	Napanea Cann'g Co., Napanea.		
" 3	"	50783	L. W. Murphy, Kingston.	3 "	45	Baltimore Canning Co., Baltimore.		
" 4	"	50784	W.E. Hopkinson, Kingston.	3 "	45	Beamsville P. Co., Beamsville.		
" 4	"	50785	C. Saunders, Kingston.	3 "	45	The Old H. C. Co., Picton.		
" 4	"	50786	D. Couper, Kingston.	3 "	45	Port Milford P. Co.		
" 4	"	50787	Anderson Bros., Kingston.	3 "	50	The Old H. C. Co., Picton.		
" 4	"	50788	C. H. Pickering, Kingston.	3 "	45	Brighton Cann'g Co., Brighton.		
" 4	"	50889	W. J. Nesbitt, Kingston.	3 "	45	The Old H. C. Co., Picton.		
" 4	"	50790	Jas Crawford, Kingston.	3 "	45	Essex C. & P. Co.		

CANNED TOMATOES.

RESULTS OF ANALYSIS.

Brand.	Grade.	Net weight.	Capacity of can.	Water.	Solids.	Condition of Sample.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
J. A. RICKEY, INSPECTOR.								
		oz.	cc.	oz.	oz.			
Canada's Pride.....		33.4	1070	11.6	21.8	Good.	50281	
Sanitary.....	Selected.....	34.5	1070	13.9	20.6	"	50282	
Lynn Valley.....	Select.....	33.1	1045	13.8	19.3	"	50283	
Little Chief.....		33.4	1030	16.4	17.0	"	50284	
Maple Leaf.....	First Quality	34.9	1050	15.2	19.7	"	50285	
Old Scout.....		33.0	1000	11.9	21.1	"	50286	
Harvester.....		33.9	1035	17.5	16.4	"	50287	
Thistle.....	Selected.....	30.4	1030	15.8	14.6	"	51627	
Lynn Valley.....	Select.....	33.6	1020	14.0	19.6	"	51634	
Boulsters.....	Famous.....	34.2	1040	17.6	16.6	"	51636	

JAS. HOGAN, INSPECTOR.

Highlander.....	Superior.....	33.4	1010	9.1	24.3	Good	50781	
Canada's Pride.....		32.9	1040	15.1	17.8	"	50782	
Old Scout.....		33.0	1020	18.6	14.4	"	50783	
Peerless.....	Hand packed.....	34.2	1050	17.7	16.5	"	50784	
Old Homestead.....		33.0	1025	13.0	20.0	"	50785	
Prince Edward's Choice.....		35.6	1100	13.8	21.8	"	50786	
Pride.....		32.6	1040	15.5	17.1	"	50787	
Old Homestead.....		33.8	1035	13.7	20.1	"	50788	
Thistle.....		33.3	1035	14.4	18.9	"	50789	
Old Homestead.....		35.9	1060	13.9	22.0	"	50790	
Essex.....	Select.....							

BULLETIN 246

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	
DISTRICT OF TORONTO—								
1912.								
Sept.	9 Canned Tomatoes	49472	Eby Blain Ltd., Front St., E., Toronto	3 cans	45	Clayton Orser Packing Co., Colborne, Ont.		'Puritan.'
"	9 "	49473	Groceries, Ltd., 31 Front St., E., Toronto.	3 "	40	Church Bros Pictou, Ont.		'Lasso.'
"	9 "	49474	F. W. Humphrey, 47 Front St., E., Toronto.	3 "	45	The Fort Milford Packing Co. Ltd., Port Milford, Ont.		'Prince Edwards Pride.'
"	9 "	49475	Jas. Lumbers Co. Ltd., 67 Front St., E., Toronto.	3 "	40	The Pelham Cann. Co. Ltd. Ridgeville.		'Pelham.'
"	9 "	49476	Medland Bros., Front St., E., Toronto.	3 "	40	Aylmer Canning Co., Ltd., Aylmer.		'Canada First.'
"	10 "	49477	G. W. Perrault, 595 Parliament St., Toronto.	3 "	60	The Vineland Canning Co. Ltd., Vineland		'Vine.'
"	10 "	49478	J. W. Quackenbush, 237 Gerard St. E., Toronto.	3 "	45	Beamsville Preserving Co., Beamsville.		'Peerless.'
"	12 "	49479	T. Eaton Co. Ltd., Queen & Yonge Sts., Toronto.	3 "	45	Sanitary Packing Co., Weston.		'W. G. T. Sanitary.'
"	12 "	49480	Swan Bros., 169 King St. E., Toronto.	3 "	45	Jno. W. Hyatt Sons, Westlake.		'Sunset.'
"	12 "	49481	J. Page, 396 Spadina Ave., Toronto.	3 "	45	Brighton Canning Co. Brighton.		'Thistle.'
DISTRICT OF WINDSOR—								
Oct.	2 Canned Tomatoes	48147	R. Stirrett Co., Petrolia.	3 Cans	45	Vineland Canning Co., Vineland.		'Vine Brand.'
"	2 "	48149	C. Matson, Petrolia.	3 "	45	E. D. Smith, Winona.		E. D. S. pure food pickers.
"	2 "	48151	A. Duncan & Co., Wyoming	3 "	38	Lambton Packing Co., Petrolia.		'Meadow Sweet'
"	2 "	48154	John E. Anderson, Wyoming	3 "	45	Ont. Canners Ltd., Sarnia.		'Prairie' Tomatoes.
"	3 "	48157	A. H. Gammon & Son, Sarnia.	3 "	45	Ont. Canners Ltd., Sarnia.		'Prairie' Tomatoes.
"	3 "	48158	Jas. Galbraith, Sarnia.	3 "	45	Ont. Canners Ltd., Sarnia.		'Prairie' Tomatoes.
"	3 "	48159	Wm. Johnston, Sarnia.	3 "	45	Bloomfield Packing Co., Bloomfield, Ont.		'Quaker.'
"	3 "	48160	W. H. Tricker, Sarnia.	3 "	45	E. Sharp, Virginia, U.S.		'Milden.'
"	4 "	48169	E. Gallagher, Strathroy.	3 "	45	Delhi Canning Co., Delhi.		'Maple Leaf.'
"	4 "	48170	O'Dwyer & Jay, Sarnia.	3 "	45	Tecumseh Canning Co., Tecumseh.		'Tecumseh.'

CANNED TOMATOES.

RESULTS OF ANALYSIS.							Remarks and Opinion of the Chief Analyst.
Brand.	Grade.	Net weight.	Capacity of can.	Water.	Solids.	Condition of Sample.	
H. J. DAGER—INSPECTOR.							
Puritan.. . . .	Supreme.. . . .	34.9	1030	15.4	19.5	Good.....	49472
Lasso.....		32.8	1020	16.1	16.7	".....	49473
Prince Edwards Pride.	Choice.....	34.6	1030	16.1	18.5	".....	49474
Pelham.....	High Grade....	34.5	1030	16.0	18.5	".....	49475
Canada First.....	Choice.....	28.2	880	12.7	15.5	".....	49476
Vine.....		34.3	1040	20.2	14.1	Slightly fermented.	49477
Peerless.....	Hand Packed ...	33.8	1035	14.4	19.4	Good.	49478
Sanitary.....	High grade.....	33.4	1020	19.5	13.9	"	49479
Sunset.....	Hand Packed...	33.9	982	15.5	18.4	"	49480
Thistle.....		34.5	1050	19.8	14.7	"	49481
JNO. TALBOT—INSPECTOR.							
Vine.....		33.9	1030	11.4	22.5	Good.	48147
E. D. Smith.....	Finest.	33.5	1050	12.4	21.1	"	48149
Meadow Sweet...		33.0	1060	13.3	19.7	"	48151
Prairie.	Extra Quality....	33.8	1035	13.4	20.4	"	48154
Prairie.....	Extra Quality.	33.3	1040	11.7	21.6	"	48157
".....	".....	33.0	1040	13.2	19.8	"	48158
Quaker.....	Hand Packed...	29.9	1050	11.4	18.5	"	48159
Milden.....		33.4	1000	13.0	20.4	"	48160
Maple Leaf.....	First Quality	33.4	1040	16.3	17.1	"	48169
Tecumseh.....		33.4	1045	15.6	17.8	"	48170

BULLETIN No. 246—

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF MANITOBA

1912								
Sept. 17	Canned Tomatoes	48731	J. E. Manning, Sargent Ave. Winnipeg.	3 cans	55	The Delhi F. & Veg. Canning Co., Delhi, Ont.	Unknown.....	'Maple Leaf'
" 17	"	48732	R. Seymour,, Sargent Ave. Winnipeg.	3 "	55	Orsers, Bloomfield, Ont.	"	'Highlander'
" 17	"	48733	Conley & Yost, Sargent Ave., Winnipeg.	3 "	50	R. W. Messenger & Co. Federalburg.	"	'Lucky Horse Shoe'
" 18	"	48734	B. Amason, Sargent Ave. Winnipeg.	3 "	55	Orsers, Bloomfield, Ont.	"	'Highlander'
" 18	"	48735	C. Corneil, Langside St., Winnipeg.	3 "	45	The Delhi F. & Veg. Canning Co., Delhi, Ont.	"	'Maple Leaf'
" 18	"	48736	W. S. Shipman, Sargent, Ave., Winnipeg.	3 "	54	The Canning Co. Picton, Ont.	"	'Old Homestead,
" 19	"	48737	M. Shiner, Emerson.	3 "	50	Orsers, Bloomfield, Ont.		
" 19	"	48738	C. A. Whitman, Emerson.	3 "	50	The Garden City Cann. & Pres. Co., St. Catharines, Ont.		
" 23	"	48739	W. H. Morgan, Winnipeg.	3 "	60	Isaac Usher, St. Davids, Ont.		
" 23	"	48740	Western Mercantile Co., Winnipeg.	3 "	60	The Delhi F. & Veg. Canning Co., Delhi, Ont.		'Maple Leaf'

DISTRICT OF NELSON—

Sept. 3	Canned Tomatoes	49686	Union Cash Grocery, Nelson, B.C.	3 cans	50	Bayside Canning Co., Alviso, Cal., U.S.A.		
" 3	"	49693	Bell Trading Co., Nelson, B.C.	3 "	50	Balfour & Co., Hamilton.		'Tartan'.....
" 3	"	49694	Bell Trading Co., Nelson, B.C.	3 "	50	J. Lumbers & Co., Toronto.		'Glenross'.....
"	"	49696	Diamond Vale S. Co., Merritt, B.C.	3 "	60	Brighton Canning Co., Brighton.		'Thistle'.....
" 6	"	49706	G. B. Armstrong, Merritt, B.C.	3 "	60	Canadian Canners, Hamilton.		'Faultless'.....
"	"	49707	" " "	3 "	60	Bloomfield Packing Co., Bloomfield.		'Quaker'.....
" 6	"	49710	Merritt Merc. Co., Merritt, B.C.	3 "	90	Code Portwood Canning Co., Fruitvale, Cal. U.S.A.		

CANNED TOMATOES.

RESULTS OF ANALYSIS.

Brand.	Grade.	Net weight.	Capacity of can.	Water.	Solids.	Condition of Sample.	No. of Sample.	Remarks and Opinion of the Chief Analyst.
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—A. C. LARIVIERE, INSPECTOR.

		oz.	cc.	oz.	oz.		
Maple Leaf.....	First Quality	33.4	1050	16.9	16.5	Good.....	48731
Highlander.....	Superior.....	33.7	1020	14.0	19.7	"	48732
Lucky HorseShoe.....		31.8	1030	11.3	20.5	"	48733
Highlander.....	Superior.....	33.8	1000	17.4	16.4	"	48734
Maple Leaf.....	First Quality.....	34.7	1035	10.4	24.3	"	48735
Old Homestead.....		33.8	1045	18.7	15.1	"	48736
Highlander.....	Superior Quality..	33.4	1000	14.5	18.9	"	48737
Garden City.....	Choice.....	33.3	1025	13.1	20.2	"	48738
Home Grown.....		33.9	1040	11.7	21.6	"	48739
Maple Leaf.....	First Quality.....	32.0	1035	14.2	17.8	"	48740

THOS. PARKER, INSPECTOR.

Bohemian.....	Choice.....	28.7	890	12.3	16.4	Good.....	49686
Tartan.....		33.9	1010	20.5	13.4	"	49693
Glenrose.....		33.8	1025	12.0	21.8	"	49694
Thistle.....		33.0	890	16.4	16.6	"	49696
Faultless.....	Selected.....	28.7	890	15.8	12.9	"	49706
Quaker.....	Hand Packed.....	28.7	900	14.1	14.6	"	49707
All Gold.....	Extra.....	29.6	885	10.8	18.8	"	49710

BULLETIN No. 246 -

Date of Collection.	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	Cost.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF NELSON—

1912.								
Sept. 9	Canned Tomatoes	49716	L. C. Masson, Revelstoke B.C.	3 cans	50	Mason Ehrman Co. Portland, Ore.		
" 9	"	49717	" " B.C.	3 "	50	Pratt Low Preserving Co., Santa Clara, Cal.		
" 9	"	49718	" " B.C.	3 "	50	Cutting Packing Co., San Francisco, Cal.		

DISTRICT OF VANCOUVER

Sept. 25	Canned Tomatoes	38439	A. C. Barting, 8th Ave. and Granville St., Vancouver, B.C.	3 cans	40	California Cannery, Ltd. San Francisco, Cal.		
" 25	"	38440	A. MacFarlane, 1469 Broadway W. Vancouver B.C.	3 "	45	Wayne Packing Co., San Jose, Cal.		
" 25	"	38441	London Grocery, 6th Ave. and Granville St., Vancouver, B.C.	3 "	45	Port Milford Packing Co., Port Milford, Ont.		
" 25	"	38442	Gruchy & Carlaw, 5th Ave. and Granville, Vancouver, B.C.	3 "	45	Kelowna Packing Co., Kelowna, Ont.		
" 25	"	38443	Samuel Bell, 2023 Granville St., Vancouver B.C.	3 "	40	Fruit Vale Canning Co., Fruit Vale, Cal., U.S.A.		
" 26	"	38844	Cook Bros., 1619 4th Ave. West Vancouver B.C.	3 "	45	Cutting Packing Co., San Francisco, Cal.		
" 26	"	38445	Webster Bros., Granville St., Vancouver, B.C.	3 "	45	Aylmer Canning Co., Aylmer, Ont.		
" 26	"	38446	Halpin's Grocery, 1169 Granville St., Vancouver, B.C.	3 "	45	Brighton Canning Co., Brighton, Ont.		
" 26	"	38447	H. H. Owens, 1169 Granville St., Vancouver, B.C.	3 "	45	Pratt Low Preserving Co., Santa Clara, Cal., U.S.A.		
" 26	"	38448	London Grocery, Granville St., Vancouver, B.C.	3 "	45	Christian Fritz, Vineland, Ont.		

CANNED TOMATOES.

RESULTS OF ANALYSIS.							Remarks and Opinion of the Chief Analyst.
Brand.	Grade.	Net weight.	Capacity of can.	Water.	Solids.	Condition of Sample.	

Concluded.

		oz.	cc.	oz.	oz.		
Meco.....		28.0	880	14.2	13.8	Good.....	49716
The Talisman.....	Selected.....	26.6	860	14.1	12.5	".....	49717
Cutting Packing Co.....		28.2	860	18.5	19.7	".....	49718

J. F. POWER, INSPECTOR.

Bear.....	California Tomatoes.	29.4	870	12.5	16.9	Good.....	38439
".....	"	28.5	885	11.6	16.9	".....	38440
PrinceEdward's Pride.....	Choice.....	35.8	1080	15.8	20.0	".....	38441
Orchard City.....	Finest.....	34.5	1000	14.6	19.9	".....	38442
Alamo.....		29.4	855	12.5	16.9	".....	38443
CuttingPacking Co.....		29.1	890	14.3	14.8	".....	38444
Canada First.....	Choice.....	29.2	885	11.4	17.8	".....	38445
Thisile.....	Selected.....	28.7	890	9.7	19.0	".....	38446
Talisman.....	"	26.7	870	12.5	13.2	".....	38447
Glenrose.....		34.3	1050	12.1	22.2	".....	38448

BULLETIN No. 246—

Date of Collection	Nature of Sample.	No. of Sample.	Name and Address of Vendor.	COST.		Name and Address of Manufacturer or Furnisher as given by the Vendor.		Inspector's Report (Is not an expression of opinion.)
				Quantity.	Cents.	Manufacturer.	Furnisher.	

DISTRICT OF VICTORIA—

1912								
Sept. 10	Canned Tomatoes	49228	Windsor Grocery Co., 817 Govt. St., Victoria, B.C.	3 cans	35	The Kelowna Canning Co., Ltd., Kelowna, B.C.		"Kelowna".....
" 11	"	49229	The West End Grocery Co., Ltd., 1002 Government St., Victoria, B.C.	3 "	50	Bloomfield P. Co., Ltd., Bloomfield, Ont.		"Quaker".....
" 12	"	49230	Copas & Young, 631 Fort St., Victoria, B.C.	3 "	45	Balfour Smye, Co., Hamilton, Ont.		"Tartan".....
" 16	"	49231	Aetna Bros. 1317 Douglas St., Victoria B.C.,	3 "	45	Bloomfield P. Co., Ltd., Bloomfield, Ont.		"Quaker".....
" 16	"	49232	H. & K. Grocery, 1425 Douglas St., Victoria, B.C.	3 "	50	Bayside Cann'g Co., Alviso, Santa Clara, Cal.		"Bohemian"....
" 18	"	49233	D. H. Ross & Co., 1317 Government St., Victoria, B.C.	3 "	50	The Kelowna Canning Co., Ltd., Kelowna, B.C.		"Kelowna".....
" 19	"	49234	Harrison & McDonald, Victoria, B.C....	3 "	40	The Kelowna Canning Co., Ltd., Kelowna, B.C.		"Kelowna".....
" 20	"	49235	F. L. Plummer, 1118 Quadra St., Victoria, B.C.	3 "	45	Bloomfield P. Co., Ltd., Bloomfield, Ont.		"Quaker".....
" 24	"	49236	G. J. Bailey, 758 Fort St., Victoria, B.C.	3 "	45	Bay Side Canning Co., Alviso, Santa Clara, Cal.		"Bohemian"....
" 25	"	49237	Erskine & Co., 861 Johnston St., Victoria, B.C.	3 "	45	Bloomfield Packing Co., Bloomfield, Ont.		"Quaker".....

CANNED TOMATOES.

RESULTS OF ANALYSIS.								Remarks and Opinion of the Chief Analyst.
Brand.	Grade.	Net Weight.	Capacity of can.	Water.	Solids.	Condition of Sample.	No. of Sam- ple.	
D. O'SULLIVAN, INSPECTOR.								
Kelowna.....	Finest.....	oz. 20.8	cc. 660	oz. 8.6	oz. 12.2	Good.....	49228	
Quaker.....	Hand packed.....	28.5	875	12.7	15.8	".....	49229	
Tartan.....		33.4	1050	14.9	18.5	".....	49230	
Quaker.....	Hand packed.....	29.1	890	12.9	16.2	".....	49231	
Bohemian.....	Choice.....	27.8	890	11.3	16.5	".....	49232	
Kelowna.....	Finest.....	34.7	900	13.9	20.8	".....	49233	
Kelowna.....	".....	21.1	660	9.3	11.8	".....	49234	
Quaker.....	Hand packed.....	28.7	890	11.6	17.1	".....	49235	
Bohemian.....	Choice.....	27.6	885	11.1	16.5	".....	49236	
Quaker.....	Hand packed.....	20.4	635	9.5	10.9	".....	49237	